

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/051408 A1

(51) International Patent Classification⁷: **A61K 38/00**,
C12N 5/10, G01N 33/50, A61P 3/10

(21) International Application Number:
PCT/EP2004/013535

(22) International Filing Date:
29 November 2004 (29.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03 027 514.3 28 November 2003 (28.11.2003) EP

(71) Applicant (for all designated States except US): **DEVELO-
GEN AKTIENGESELLSCHAFT FÜR ENTWICK-
LUNGSBIOLOGISCHE FORSCHUNG** [DE/DE];
Rudolf-Wissell-Str. 28, 37079 Göttingen (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **AUSTEN, Matthias**
[DE/DE]; Wachholderweg, 24, 37079 Göttingen (DE).
ONICHTCHOUK, Daria [RU/DE]; Auf der Lieth 10,
37077 Göttingen (DE). **SIEGMUND, Thomas** [DE/DE];
Pötzwenden 5, 37136 Landolfshausen (DE). **ADUROJA,**
Kristin [DE/DE]; Heyestr. 10, 40625 Düsseldorf (DE).
RUDOLPH, Bettina [DE/DE]; Lärchenstr. 13, 30161
Hannover (DE). **HARDER, Friedrich** [DE/DE]; Am
Weissen Steine 8, 37085 Göttingen (DE).

(74) Agent: **WEICKMANN & WEICKMANN**; Postfach 860
820, 81635 München (DE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR PREVENTING AND TREATING DIABETES USING DG119

(57) Abstract: The present invention relates generally to methods for preventing and/or treating pancreatic disorders, particularly those related to diabetes, by administering a DG119-1 product or a DG119-1 agonist and/or an antagonist To a DG 119-2 product.

WO 2005/051408 A1